

CLAIMS

- 1/ A fixing device for fixing a dispenser member to the neck (41) of a container (4), said device comprising a ring (2) forming an annular abutment web (20) serving to come into abutment against the top of the neck, with a gasket (5) optionally being interposed, and a peripheral skirt (21) serving to surround the neck, the skirt forming tabs (22) defining free ends (220), said fixing device being characterized in that each of the tabs is provided with at least one deformation zone (221, 222, 223), the tabs being deformed inwards when thrust is exerted axially on their free ends.
- 2/ A fixing device according to claim 1, in which preventer means (3) are provided for preventing the tabs (22) from deforming outwards.
- 3/ A device according to claim 1 or 2, in which the deformation zone comprises an outside groove (221) and an inside groove (223).
- 4/ A device according to claim 1, 2, or 3, in which the deformation zone comprises an inside rib (224) suitable for moving when thrust is exerted axially on the free end of a tab.
- 5/ A device according to claim 4, in which the rib (224) is defined by two inside grooves (222, 223).
- 6/ A device according to any preceding claim, in which the preventer means comprise a trim band (3) engaged around and in contact with the peripheral skirt (21).
- 7/ A device according to any preceding claim, in which the tabs (22) are separated by non-deformable skirt segments (23), the free ends (220) of the tabs (22) projecting relative to the skirt segments (23).

8/ A fluid dispenser comprising:

a container (4) defining a body forming a reservoir for the fluid, said body forming a shoulder (45) from which a neck (41) extends, said neck being provided with a reinforcing rim (42) that projects radially outwards so as to define a bottom ledge (43) that extends back inwards to meet a thinner portion (44) of the neck that connects to the shoulder (45) of the body;

10 a dispenser member such as a pump or a valve mounted on the neck of the container; and

a fixing device (2, 3) for fixing a dispenser member to the neck of the container, said device comprising a ring (2) forming an annular abutment web (20) serving to come into abutment against the top (46) of the neck, with a gasket (5) optionally being interposed, and a peripheral skirt (21) serving to surround the neck, the skirt forming tabs (22) defining free ends (220), said fixing device being characterized in that each of the tabs is provided with at least one deformation zone (221, 222, 223) at the bottom ledge, the tabs being deformed inwards under the ledge by means of their free ends bearing against the shoulder of the body.

25 9/ A device according to claim 8, in which preventer means (3) are provided to prevent the tabs from deforming outwards.

10/ A device according to claim 8 or 9, in which the deformation zone comprises an outside groove (221).

11/ A device according to claim 8, 9, or 10, in which the deformation zone comprises an inside groove (223) which is received under the bottom ledge (43).

35 12/ A device according to any one of claims 8 to 11, in which the deformation zone comprises an inside rib (224)

which comes into engagement under the ledge (43) by pivoting inwards.

- 13/ A device according to any one of claims 8 to 12, in
5 which the tabs (22) are separated by non-deformable skirt segments (23), the free ends (220) of the tabs (22) projecting relative to the skirt segments when the tabs are not deformed, and coming substantially into contact with the shoulder of the body when the tabs are deformed.
- 10 14/ A device according to any preceding claim, in which the preventer means comprise a trim band (3) engaged around and in contact with the peripheral skirt (21).